

Zefeng (Daniel) Wang

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EDUCATION

Northeastern University

Bachelor of Science, Computer Science & Business Administration (Finance)

Minor in Mathematics

GPA: 3.81/4.00

Relevant Courses: Algorithms and Data, Machine Learning in Finance, Entrepreneurial Finance, Strategy in Action

Honors and Awards: Dean's List, International Scholar, Top 10/Best Rookie Award at Hack Beanpot 2019

Boston, MA

April 2022

EXPERIENCE

Tesla

Palo Alto, CA

Software Engineering Intern

September – December 2021

- Enhanced observability for multiple microservices (Golang, Python) by implementing distributed tracing with Sentry to identify bottlenecks resulting in significant (>50%) decreases in p95 run time
- Reduced friction in developer experience by implementing Tilt and Helm charts to run app in local K8s cluster
- Migrated from RabbitMQ to Kafka to improve scalability and reduce downtime for user-facing applications

Goldman Sachs

New York City, NY

Engineering Summer Analyst

June – August 2021

- Productionized financial reporting program and conducted user acceptance testing with product owner
- Revamped API queries to ensure data is highly available using internal modelling/functional language (PURE)
- Reduced complexity for calculator program (IgnitePad) to decrease flakiness and improve speed by 30%

Intuit

Mountain View, CA

Software Developer Co-op

May – December 2020

- Developing in Java and Go to improve internal metrics on the Observability team for QuickBooks Online
- Used Micrometer and Hystrix to create filter to improve readability of metrics and remove redundant data
- Leveraging Terraform to manage Kubernetes services and enforce “Infrastructure as Code” practices
- Creating parser in Golang to concurrently identify configuration properties in JSON/YAML files

BusRight Inc.

Boston, MA

Backend Web Engineer

November 2019 – November 2020

- Improved web API by adding new features, enforcing test-driven development, and increasing efficiency
- Migrated codebase from JavaScript to Typescript to ensure code reliability and reduce technical debt
- Developed password reset process for users by adding endpoints to get info from Firebase & email via SendGrid
- Added persistent notifications by developing endpoints to get/send notifications to new collections in Firebase

ACTIVITIES

Northeastern University

Boston, MA

Teaching Assistant

January 2021 - Present

- Facilitated learning (>500 students) by providing clarification about content and assignments for two courses
- Provided clear feedback and graded assignments/tests in timely manner to assist professors

Sandbox at Northeastern

Boston, MA

Project Lead, Full Stack Developer

September 2019 - Present

- Led team of five to build web-based game application for research client used in study with >200 participants
- Created multiple applications, including mobile app used in memory study and web app with > 50,000 users

HackBeanpot Inc

Boston, MA

Core Team – Sponsorship, Tech

May 2019 – Present

- Organized annual hackathon for ~200 students, raising >\$20,000 and improving technical infrastructure
- Led team in revamping judging system to be more holistic by fixing scheduling algorithm and user-facing website

ADDITIONAL INFORMATION

- Technical Skills:** Docker/Kubernetes, Git(hub), Java, JavaScript (NodeJS, React), Observability, Python, Unix
- Languages:** English (fluent), Mandarin Chinese (fluent)
- Interests:** Crosswords, Ice Hockey, Sneakers